Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 14 Dec 2022 until 23:59 on Thursday 15 Dec 2022

Forecast Issued on Tuesday 13 Dec 2022 at 15:43

Confidence: High for continuing cold conditions through the next few days then for slightly milder and unsettled conditions to arrive over the weekend but lower confidence in the details for this.

Headline for Wednesday 14 Dec 2022: Very cold with long sunny or clear spells.

Mountain weather hazards on Wednesday 14 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Wednesday 14 Dec 2022

Weather: Clear spells and widespread frost overnight with a few mist and fog patches. These will be slow to clear some valleys but otherwise it will be a mostly sunny day. Feeling bitterly cold. A clear evening with severe frost continuing.

Chance of cloud-free hill tops above 600m: 95%.

Low cloud and visibility: Mainly excellent visibility expected. Patchy mist and fog slowly clearing.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Wednesday 14 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/15 NE	10/16 NE	14/21 NE	16/24 NE	15/22 NE	14/20 N	13/20 N	12/18 N	10/15 NW
300	7/15 NE	6/13 NE	7/13 NE	8/14 NE	9/15 N	7/12 N	6/11 N	6/9 NW	5/8 W
Valley	9/17 NE	3/10 NE	4/13 NE	8/19 NE	7/16 N	5/14 N	6/15 N	3/9 N	2/7 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-5/-11	-5/-10	-4/-11	-4/-11	-3/-10	-4/-10	-5/-11	-5/-12	-5/-11
300	-3/-7	-3/-6	-2/-7	-2/-6	-0/-4	-1/-4	-2/-6	-3/-7	-4/-7
Valley	-2/-7	-3/-6	-2/-5	-1/-5	1/-3	-0/-3	-2/-6	-3/-6	-4/-6
Freezing Level*	00m	00m	00m	00m	100m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling bitterly cold, especially on shaded slopes and in exposure to the northerly breeze on the tops.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 13 Dec 2022	0mm	0.2mm	0.4mm

Forecast for Thursday 15 Dec 2022

Weather: Clear or sunny conditions but bitterly cold with a widespread severe frost. Breezy on the tops at first.

Maximum wind: Northerly 15mph gusts 25mph at first, decreasing to 10-15mph.

Chance of cloud-free hill tops above 600m: 95%.

Low cloud and visibility: Excellent visibility expected.

Temperature: **Valleys:** Minus 7C rising to 1C, but below freezing all day in shade.
At 600m: Minus 6C rising to Minus 1C.
Freezing level: Ground frozen at all levels.

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